

No. 807,599.

PATENTED DEC. 19, 1905.

S. E. CAVE.
URINARY RECEPTACLE.
APPLICATION FILED OCT. 16, 1904.

FIG. 1.

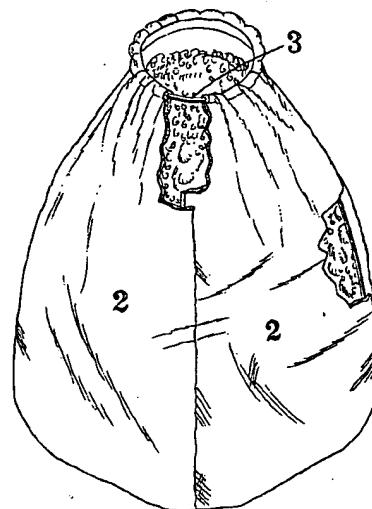
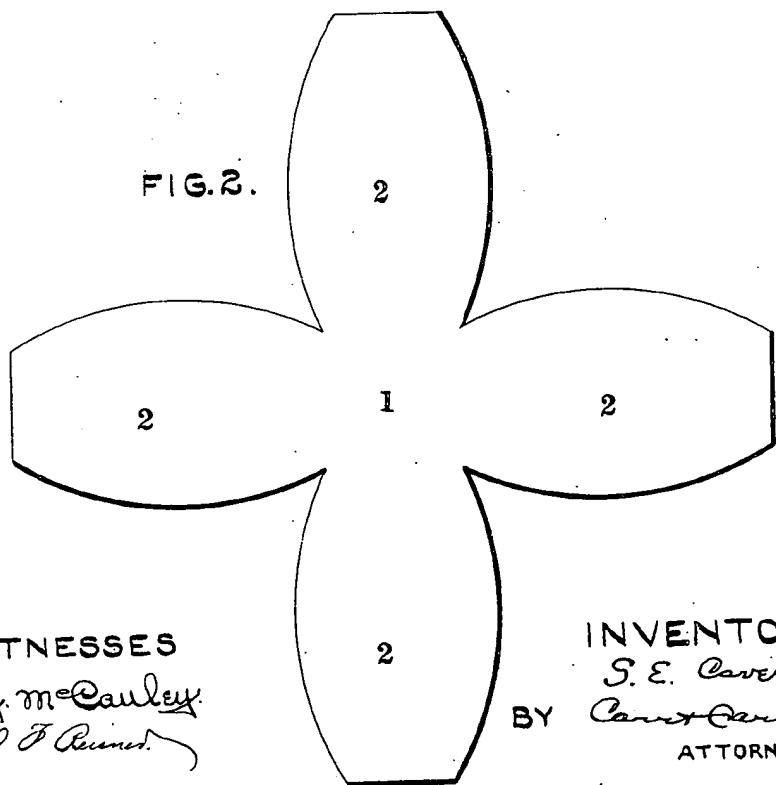


FIG. 2.



WITNESSES

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SALLIE E. CAVE, OF ST. LOUIS, MISSOURI, ASSIGNOR OF ONE-HALF TO
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URINARY RECEPTACLE.

No. 807,599.

Specification of Letters Patent.

Patented Dec. 19, 1905.

Application filed October 15, 1904. Serial No. 228,633.

To all whom it may concern:

Be it known that I, SALLIE E. CAVE, a citizen of the United States, and a resident of the city of St. Louis and State of Missouri, have 5 invented a new and useful Improvement in Urinary Receptacles, of which the following is a specification.

My invention relates to urinary receptacles for men, and has for its principal objects to 10 provide a receptacle which has only sufficient material at the contracted neck to permit expansion thereof to cleanse it, to provide a urinary receptacle which is free of folds except at the neck, to provide a urinary receptacle which may be worn with comfort and will not show, and other objects hereinafter 15 more fully appearing.

In the accompanying drawings, which form a part of this specification, and wherein like 20 symbols refer to like parts wherever they occur, Figure 1 is a view of the receptacle filled with cotton, parts being broken away to show the construction; and Fig. 2 is a view, on a smaller scale, of the blank from which the 25 receptacle is made.

Receptacles or bags of this kind have hitherto been made of circular pieces of material, the periphery of which was gathered to form the neck. Receptacles so constructed are 30 bulky at the top where so much material was gathered together and narrow at the bottom where they should have been large to accommodate the absorbent material. They are unpleasant to wear and cannot be concealed. 35 My improved receptacle is designed to overcome these objections.

The receptacles are preferably made of soft rubber, though any waterproof material may be used in its construction with different degrees of satisfaction. The blank is an integral piece of rubber and has a central portion 1, from the sides of which four similar wings 2 extend radially. The wings are substantially ovate in shape, the oval or ovoid being 45 truncated at each end, whereby substantially straight terminal edges are provided. The outer ends of the wings form the neck of the bag, and their dimensions are determined by the dimensions of the neck. Obviously the 50 change in dimensions will change the shape of the curved edge of the wings and the amount of divergence of adjacent edges of adjacent wings.

The bag is formed by lapping adjacent

edges of adjacent wings, as indicated in Fig. 55 1, and securing them together in any manner known to the rubber-worker's art. The top of the bag is then turned down and secured to the side to form a channel, as indicated in Fig. 1. In the channel thus formed an elastic 60 cord 3 is placed. This cord is of such a length that when contracted the neck will be the proper size to be worn and when stretched will be large enough to permit the proper 65 cleansing of the inside of the receptacle.

For use cotton, a sponge, or other absorbent material is put in the bag. A bag so filled is shown in Fig. 1. The bag is distended when filled with the cotton and its size is not increased by superfluous folds and gathers of 70 the material of which it is made. The bottom of the receptacle being integral there is little likelihood that leakage will occur by reason of insecure joints. Any free liquid that may escape from the absorbent material will collect in the bottom, which has no seam or joint. The folds or gathers at the neck are small and not numerous, so that the receptacle is not 75 materially bulkier at that point than elsewhere.

If desired, the blank can be so shaped that the neck of the receptacle will be the right size without the use of an elastic cord. A receptacle so constructed would be slightly more difficult to clean than the preferred 85 form, but would be otherwise as satisfactory.

Obviously my device is capable of modification within the scope of my invention, and therefore I do not wish to be limited to the specific construction shown and described. 90

What I claim as my invention, and desire to secure by Letters Patent, is—

A urinary receptacle comprising an integral bottom portion and side walls integral with said bottom portion, adjacent edges of 95 said side walls being secured together and said edges being convexly curved, whereby said receptacle is provided with a wide body portion and a narrow neck.

In testimony whereof I have signed my name 100 to this specification, in the presence of two subscribing witnesses, this 12th day of October, 1904.

SALLIE E. CAVE.

Witnesses:

SINGLETON D. CAVE,
FRED F. REISNER.